

Appendix D

PCB Source Investigation: Facility Inventory

And

Flow Charts/Decision Trees

PCB Source Investigation: Facility Inventory

Name of Water Body:

Date:

Facility Inventory

Process Overview

Synthesis of Initial Facility List

In order to generate a comprehensive list of currently operating and historical facilities, multisystem queries were performed based on location (such as county, waterbody ID, zip, etc.) for air, water, solid waste, petroleum, VRP sites, and tire sites. The sources for these queries are listed below. Facility lists for each media type were created and maintained separately. Following list synthesis, file searches were performed to determine a more specific facility location, type of industry/operation, and other site specific information.

Criteria Application

Due to the large number of facilities inventoried, it was necessary to develop a discrete set of criteria that could be applied to the lists in order to narrow and focus them. Facilities not meeting these criteria were removed from lists as unlikely sources of PCBs. Figures 1 and 2 depict these criteria in flowcharts.

Mapping

Check off Information Sources Used

DEQ Records: CEDS

Permit

Inspection

Registration documents

Pollution incident reports

Voluntary Remediation Program database

Brownfields site screening reports

Virginia Geographic Environmental Mapping System

(<http://lexington.yesvirginia.org/>)

Toxics Release Inventory

EPA Records: PCB Transformer Registration Database

(<http://www.epa.gov/opptintr/pcb/data.html>)

PCB Activity Database System (<http://www.epa.gov/opptintr/pcb/data.html>)

Enviromapper (<http://maps.epa.gov/enviro/html/mod/enviromapper/index.html>)

Envirofacts Warehouse (<http://www.epa.gov/enviro/index.html>) including:

Permit Compliance System Database

RCRA Info

CERCLA

TRI

Phase 1 - Discharge and Incident Identification

This phase will consist of a file and database review and communication with federal, state, and local officials, as well as communication with local industry, businesses and citizen groups to gather information.

Environmental media to be investigated include air, water, and waste media. Information bases exist mainly for regulated activities but information for unregulated activities will also be sought. The overriding goal will be to collect dependable, applicable information to understand and detail the origins of the toxicity problem before making potentially expensive decisions.

Other such as local industries, businesses and citizen groups for potential or actual current and historical pollutant sources.